

**AMENDMENTS TO THE SPECIFICATION:**

Please replace paragraph [0010] with the following amended paragraph:

[0010] Still further, there is provided a JPEG2000 decoding apparatus for receiving and decoding a JPEG2000 file produced by a JPEG2000 coding apparatus, ~~described in claim 3,~~ [[the]] The JPEG2000 decoding apparatus ~~comprising:~~ includes a JPEG2000 decoder which decodes a JPEG2000 file; a position information acquirer which acquires a position information of each area discriminated by the area discriminator based on the XML data stored in the XML box added into each JPEG2000 file; a coded data specifier which specifies coded data in each JPEG2000 file corresponding to each area based on the position information acquired by the position information acquirer; and a coded data cutter which cuts off a part of the coded data specified by the coded data specifier. In this aspect, the coded data cutter may acquire only a part of coded data specified by the coded data specifier, the part of coded data having resolution sufficient to index display, and may form an index file with the acquired coded data. Furthermore, the JPEG2000 decoding apparatus may include an XML box adder which adds an XML box to the index file and cause the XML box to store an information data for permitting to specify a source file from which each area constituting the index file is ~~retracted~~ extracted, wherein the JPEG2000 decoder may decode the source file corresponding to the area in response to selecting each area on the image index displayed.